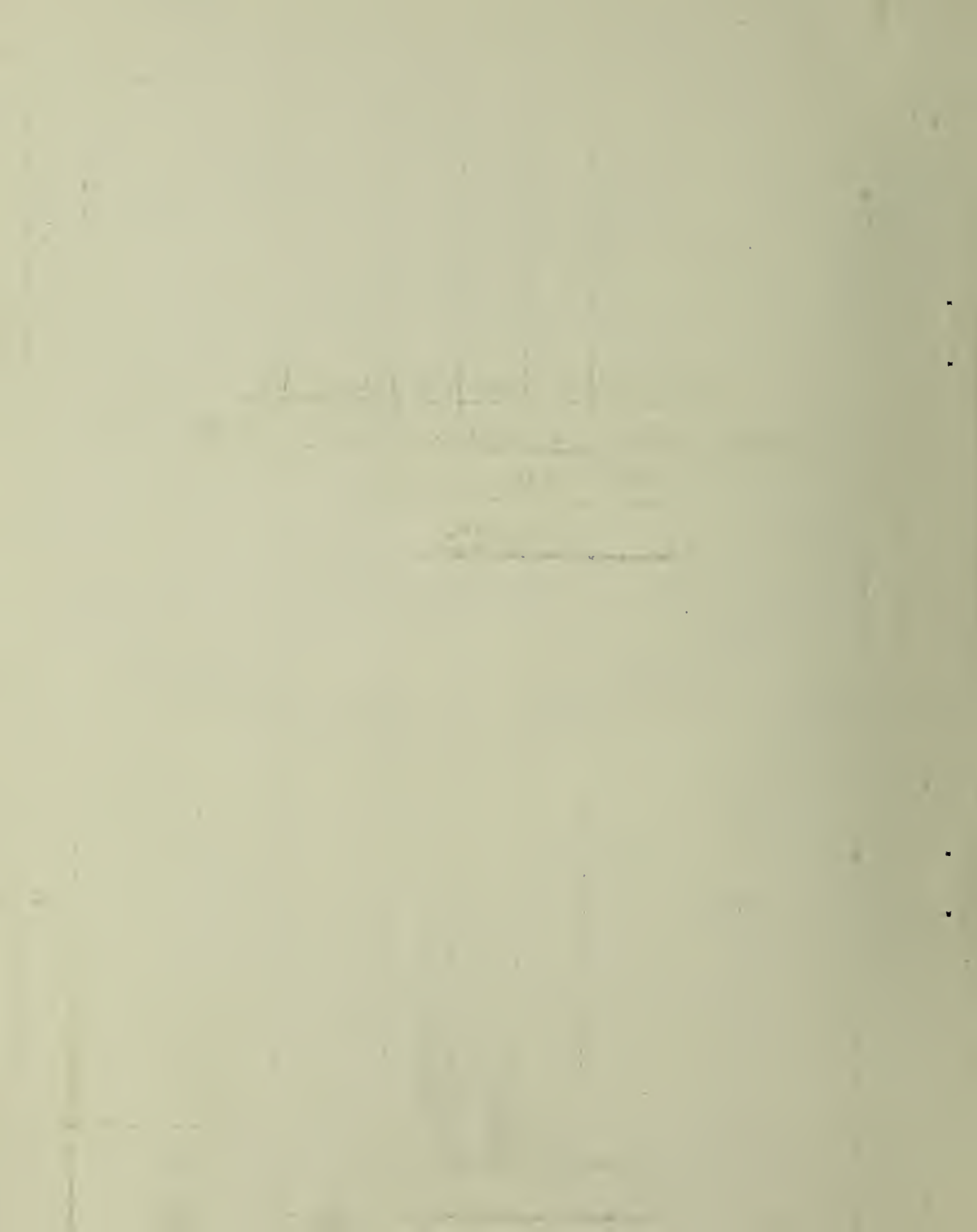


RURAL DISTRICT COUNCIL OF BELLINGHAM.
ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH
AND SANITARY INSPECTOR
FOR 1948.



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ANNUAL REPORTS OF THE MEDICAL OFFICER OF HEALTH
AND SANITARY INSPECTOR.

1948.

OFFICERS OF THE PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health. (Part-time)	Dr. G.W.L. Kirk, M.B.,Ch.B.
Sanitary) Housing) Inspector. Meat)	A. Field, M.R.San.I., M.S.I.A. Resigned May, 1948. S. Clough, M.R.San.I, M.S.I.A. Appointed June, 1948.
Sanitary) Additional Housing) Inspector. Meat)	J.A. Potts, M.R.San.I., M.S.I.A. Appointed October, 1948.
Clerk Typist.	Miss E. Turnbull.
Offices.	Council Offices, BELLINGHAM, Hexham, Northumberland.
Telephone: Dr. Kirk	Bellingham 203.
Council Offices	Bellingham 239.

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ANNUAL REPORT of the MEDICAL OFFICER OF HEALTH
for BELLINGHAM RURAL DISTRICT COUNCIL
FOR THE YEAR ENDED 31st. DECEMBER, 1948.

The area of the Bellingham Rural District remains unchanged at 246,645 acres, approximately 380 square miles.

The population, according to the Registrar General estimate is 5,230, an increase of 494 on last year.

The number of inhabited houses in the area at the end of 1948 according to the Rate Books 1,528.
Rateable Value £42,322
Sum represented by Penny Rate £174 15. 5.

SOCIAL CONDITIONS.

The Forestry operations in the Upper North Tyne and Upper Redesdale areas and also in the Warksburn district continue to be extended on a considerable scale to the gradual exclusion of sheep farming in these districts.

Stone quarrying is now only on a very small scale and coalmining also on a small scale, is carried out at one or two local Drift workings.

Apart from these, the only industry in the area is the Wool Mill at Otterburn.

EXTRACT FROM VITAL STATISTICS.

	<u>Total.</u>	<u>M.</u>	<u>F.</u>
Live Births, Legitimate	70	33	37
Live Births, Illegitimate	5	-	5
Birth Rate per 1,000 of the estimated resident population	14.32		
Stillbirths (all legitimate)	3	-	3
Rate per 1,000 total (live and still births)	34.46		
Deaths	59	36	23
Death rate per 1,000 estimated resident population	11.26		

DEATHS FROM PUERPERAL CAUSES.

Puerperal Sepsis	Nil.
Other Puerperal Causes	1.
Total	1.

VITAL STATISTICS OF THE WHOLE OF BILLINGHAM RURAL
DISTRICT DURING 1947 and 1948.

Year.	Population estimated to the middle of each year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.				TRANS-FERRABLE DEATHS.		NET DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected number.	NET.		No.	Rate.	No.	Rate.	CUTWARD.	INWARD.	No.	Rate per 1000 nett births	No.	Rate.
			No.	Rate.										
1947.	4,736	51	79	16.68	55	11.61	3	22	1	12.65	74	15.62		
1948.	5,230	36	75	14.32	47	8.98	5	17	2	26.66	59	11.26		

DEATHS REGISTERED DURING YEAR 1948, and CAUSES.

<u>CAUSES OF DEATH.</u>	Nett Deaths of Residents, whether occurring within or without the district.		
	MALE.	FEMALE.	TOTAL.
Tuberculosis other than Pulmonary.	1	-	1
Cancer of Stomach.	1	-	1
Cancer of Breast.	-	1	1
Cancer of all other Sites.	6	2	8
Intracranial Vascular Lesions.	3	1	4
Heart Diseases.	16	15	31
Other Circulatory Diseases.	1	-	1
Bronchitis.	2	-	2
Pneumonia.	1	-	1
Other Respiratory Diseases.	1	-	1
Other Digestive Diseases.	1	-	1
Maternal causes.	-	1	1
Premature Birth.	-	1	1
Road Traffic Accident.	1	-	1
Other Violent Causes.	2	-	2
All other causes.	-	2	2
Totals:	36	23	59



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INFANT MORTALITY, 1948.

Nett Deaths from stated causes at various ages under 1 year.

Cause of Death.	Infantile Debility.	Prematurity.	Totals.
Under one week.	-	1	1
1-2 weeks.	-	-	
2-3 weeks.	-	-	
3-4 weeks.	-	-	
Total under one month.	-	-	
1-3 months.	1	-	1
3-6 months.	-	-	
6-9 months.	-	-	
9-12 months.	-	-	
<u>TOTAL</u> under one year.	1	1	<u>2.</u>

Death Rate of Infants under One Year of Age.

All infants per 1,000 live births	26.66
Legitimate infants per 1,000 legitimate births	28.57
Illegitimate infants per 1,000 live births	Nil.
Deaths from Measles	Nil.
Deaths from Whooping Cough	Nil.
Deaths from Diarrhoea, under two years	Nil.

INFECTIOUS DISEASES.

As usual, in the beginning of the year there was a wide-spread and severe epidemic of Influenza. In addition there were a good many cases of Whooping Cough, especially in the Woodburn area. Odd, isolated cases of Chicken-pox, Measles and Mumps also occurred.

Beyond a mild outbreak of measles in the eastern part of the district and one or two Mumps and Chicken-pox cases, April was a month fairly free from infectious disease.

May was a bad month as there were many cases of Chicken-pox, Measles, Whooping Cough, German Measles and one case of Scarlet Fever.

One very interesting case occurred - a case of Louping Ill, contracted from sheep. The diagnosis was finally established at Walkergate Hospital and, as very few have ever been reported in human beings, details were published in the Medical Journal.

In June there was slight improvement but there were still many cases of Mumps and Measles. This is not usual at this time of the year.

One case of Diphtheria in a child who had not been immunised occurred, also one case of Measles was reported in July.

August was the first month when infectious disease had almost died out. One case of Tuberculosis was reported.

September saw the return to the School at Brownrigg Camp of children from all over the county. Two cases of Scarlet Fever were soon reported.

In October the Scarlet Fever epidemic in Brownrigg Camp spread rapidly and twenty children were sent to Hospital. Fortunately it did not spread outside the Camp as rigid restrictions were imposed.

This outbreak died out after three weeks and November was a quiet month until towards the end when some children at Brownrigg Camp returned from Hospital after Scarlet Fever and three more cases occurred.

Three cases of Measles were reported in December. The disease was imported by a holidaymaker. In addition there were three cases of Chicken-pox.

CONTROL OF INFECTIOUS DISEASES.

The use of Sulphonamide group of drugs has resulted in certain infectious diseases, especially Pneumonia almost disappearing.

Antitoxin for Scarlet Fever and also Penicillin have greatly reduced complications and there is no doubt whatever, that a dose of serum, given to contacts, almost entirely prevents the spread of the disease in households.

A very large percentage of children have been immunised against Diphtheria, with the result that this disease has nearly disappeared too. The only case in the year was a child who had not been immunised. Many children have had a reinforcing dose of A.P.T. or T.A.F. antitoxin on entering school.

<u>DISEASE.</u>	<u>TOTAL CASES NOTIFIED.</u>	<u>CASES ADMITTED TO HOSPITAL.</u>	<u>TOTAL DEATHS.</u>
Scarlet Fever.	26	26	Nil.
Cerebrospinal Fever.	2	2	Nil.
Louping Ill.	1	1	Nil.
Diphtheria.	1	1	Nil.
Whooping Cough.	14	Nil.	Nil.
Mumps.	27	Nil.	Nil.
Chicken-pox.	18	Nil.	Nil.
German Measles.	1	Nil.	Nil.
Measles.	26	Nil.	Nil.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

- Laboratory Facilities - All necessary investigations have been done at the County Laboratory, Newburn-on-Tyne and later at the Government Laboratory in Newcastle-on-Tyne.
- Ambulance Facilities - Up to July 4th. the Red Cross Ambulance carried on as usual but after the National Health Act came into force on July 5th. the service was taken over by the County Council but was still run as before by the Red Cross or agents.
- Nursing in the Home - This is still efficiently carried out by five district nurses who were under local Nursing Association until July 5th. and after that under the County Council.
- Treatment Centres and Clinics - Maternity and Child Welfare Clinics are organised monthly by the County Council at Otterburn, Bellingham, Kielder and Wark.
- Hospitals - There are no Hospitals in the area but the National Health Act resulted in Hexham Emergency Hospital becoming Hexham General Hospital. This enormously improved the Hospital facilities for the people in the area.
- Walkergate is the Hospital for Infectious Diseases.

Signed: G. W. Kirk. M.B. Ch.B.

SANITARY INSPECTOR'S REPORT - YEAR ENDING 1948..
(Sanitary Officer's Order 1926 Art.19(15))

	Number of inspections during the year.	Number of defects or contravention of Byelaws.	Number outstanding from previous year.	TOTAL	Number remedied after letter or interview.	Number of Informal Notices served.	Defects remediated thereafter.	Number of Statutory Notices served.	Defects remedied thereafter.	In progress or being dealt with.	Legal proceedings.
	I.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
HOUSING.											
Structural defects.	188	73	3	76	61					15	
Defective food store.	23	11		11	3					8	
Dampness.	51	43		43	43						
Overcrowding.	92	3		3	3					50	
Nuisances.	46	40		40	36	2		2	2		
WATER SUPPLY.											
Insufficient.	110	4		4	4						
Unsatisfactory.	"	8		8	8						
DRAINAGE.											
Insufficient.	156	5		5	5						
Defective.	"	24		24	24	1		1	1		
SANITARY CONVENIENCES.											
Insufficient.	105	-		-							
Defective.	"	3		3	3	1		1	1		
Shops, Food Stores etc. Dairies, Cowsheds, Milkshops. Slaughter Houses. Tents, Vans, etc. Offensive trades. Workshops and Workplaces. keeping of Animals. Insanitary Ashpits and Receptacles. Ashpits improperly used. Offensive accumulations. Smoke nuisances. Petrol Stores.	81 66 1 78 	11 28 		11 28 	11 28 						

HOUSING (CONSOLIDATED) REGULATIONS, 1925.

Tabular Statement as required by Art. 31, for the year 1948.

HOUSES COMPLETED DURING THE YEAR:-

	<u>With State Assistance.</u>	<u>Unaided.</u>	<u>Total.</u>
a. By the Local Authority.	24.	-	24.
b. By any other bodies or persons.	-	-	-

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES:

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or its officers 98.

3. ACTION UNDER STATUTORY POWERS:

(a) Proceedings under Sections 9,10 & 16 of the Housing Act, 1936.

1. Number of dwelling houses in respect of which "notices" were served requiring repairs Nil.
2. Number of dwelling houses which were rendered fit after service of formal notices:-
 - (a) By owners Nil.
 - (b) By Local Authority in default of owners Nil.

(b) Proceedings under Public Health Acts.

1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied. 3.
2. Number of dwelling houses in which defects were remedied after service of formal notices:-
 - (a) By owners 3.
 - (b) By Local Authority in default of owners Nil.

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(c) Proceedings under Sections 11 & 13 of
Housing Act, 1936.

- | | |
|---|------|
| 1. Number of dwelling houses in respect of which Demolition Orders were made. | Nil. |
| 2. Number of dwelling houses demolished in pursuance of Demolition Orders. | Nil. |

(d) Proceedings under Section 12 of the
Housing Act, 1936.

- | | |
|---|------|
| 1. Number of separate tenements or underground rooms in respect of which Closing Orders were made. | Nil. |
| 2. Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit. | Nil. |

- | | |
|---|------|
| 4. NUMBER OF HOUSES PERMANENTLY DISCONTINUED AS DWELLINGS AND NOT INCLUDED ABOVE. | Nil. |
|---|------|

HILL FARMING ACT, 1946.

First Schedule.

- | | |
|---|------------|
| | <u>No.</u> |
| 2. Alteration, enlargement or reconditioning of farm house. | Nil. |
| 3. Erection, improvement or reconditioning of cottages attached or to be attached to a hill farm. | Nil. |

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1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom. It is shown that the structure of the atom is determined by the laws of quantum mechanics, and that the laws of quantum mechanics are based on the principle of the conservation of energy.

2. The second part of the paper is devoted to a discussion of the experimental results of the experiments of Rutherford and his co-workers. It is shown that the results of these experiments are in agreement with the predictions of the theory of the structure of the atom.

3. The third part of the paper is devoted to a discussion of the results of the experiments of Bohr and his co-workers. It is shown that the results of these experiments are in agreement with the predictions of the theory of the structure of the atom.

4. The fourth part of the paper is devoted to a discussion of the results of the experiments of Heisenberg and his co-workers. It is shown that the results of these experiments are in agreement with the predictions of the theory of the structure of the atom.

5. The fifth part of the paper is devoted to a discussion of the results of the experiments of Schrödinger and his co-workers. It is shown that the results of these experiments are in agreement with the predictions of the theory of the structure of the atom.

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SUMMARY OF WORKS EFFECTED.

	After Letter or Interview	After Informal Notice.	After Statutory Notice.	TOTAL.
<u>SANITARY CONVENIENCES.</u>				
Privies abolished.	-			-
Privies repaired.	5.			5.
Privy ashpits abolished.	37.			37.
Privy ashpits roofed or repaired.	-			-
Pail closets abolished.	3.			3.
Water closets provided.	12.			12.
Water closets repaired.	2.			2.
Sanitary bins provided.	61.			61.
Sanitary bins renewed.	12.			12.
<u>DRAINAGE.</u>				
New drains constructed.	39.			39.
Drains repaired or reconstructed.	7.			7.
Additional gullies provided.	36.			36.
Old gullies replaced.	3.			3.
Scullery sinks provided.	12.			12.
Scullery waste-pipes repaired.	9.			9.
Scullery " " trapped.	-			-
Yards repaired or reconstructed.	5.			5.
<u>WATER SUPPLY.</u>				
Sources closed or discontinued.	1.	No. houses affected.		1.
New service provided.	12.	No. houses affected.		12.

RIVERS POLLUTION.

Cases detected.	Nil.	Particulars
Remedied.		do.
S.D. works provided.	Nil.	do.

.....

FOOD INSPECTION.

UNSOUND FOOD.	Surrendered.	Seized.	Legal Proceedings.
1. Beef (Home killed) Stones	8 lbs.	-	-
2. Beef (Imported) "	10 st. 9 lbs.	-	-
3. Mutton (Home killed)	-	-	-
4. Mutton (Imported)	-	-	-
5. Pork.	-	-	-
6. Game.	-	-	-
7. Poultry.	-	-	-
8. Fish.	-	-	-
9. Fruit.	lbs. or cases.	-	-
10. Canned goods.	<u>tins</u> or cases. 42.	-	-
11. Bacon.	-	-	-
12. Cheese.	-	-	-
13. Butter.	-	-	-
14. Lard.	-	-	-
15. Eggs.	-	-	-
16. Other foods.	-	-	-

MILK AND DAIRIES ORDER, 1926.

Sections 6 (1) and (4)

Number of cowkeepers (registered) in district.	74.
Approximate number of cows kept.	696.

